LEHMAN TRAMP TOUR BOX INSTALLATION INSTRUCTIONS LCK5093

PUB0011

SAFETY INFORMATION

UNDERSTANDING SAFETY LABELS & INSTRUCTIONS

READ AND BECOME FAMILIAR WITH ALL WARNING, CAUTION SYMBOLS AND STATEMENTS LISTED BELOW AND IN THE TEXT OF THIS MANUAL BEFORE YOU BEGIN WORK.

DANGER, WARNINGS & CAUTION SYMBOLS

This is the safety alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury. Your safety is involved!

⚠ WARNING

SAFETY ALERT WARNING indicates a potential hazard that may result in severe injury or death to the operator, bystander or person (s) inspecting or servicing the vehicle.

⚠ CAUTION

Indicates a potential hazard that may result in minor personal injury or damage to the vehicle.

CAUTION

CAUTION indicates special precautions that must be taken to avoid vehicle damage or property damage.

NOTE:

NOTE provides key information by clarifying instructions.

IMPORTANT:

IMPORTANT provides key reminders during disassembly, assembly and inspection of components.

IMPORTANT INFORMATION

THIS TOUR BOX ASSEMBLY HAS BEEN DESIGNED FOR INSTALLATION ON THE INCLUDED LEHMAN LUGGAGE RACK FOR TRAMP MODELS. TOUR BOX INSTALLATION PROCEDURES AND WARRANTY WILL NOT APPLY IF INSTALLED ON A NON-LEHMAN LUGGAGE RACK.

CAUTION: WHEN TOUR BOX IS POWERED, AUTO-LOCK IS ENABLED 10 SECONDS AFTER TOUR BOX LID IS CLOSED. BE SURE TO REMOVE KEYS AND REMOTE FROM TOUR BOX BEFORE CONNECTING TO POWER.

BE SURE TO READ MANUFACTURER'S INSTRUCTIONS INCLUDED WITH TOUR BOX BEFORE PROCEEDING TO INSTALLATION.

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PARTS LIST/TOOLS/SUPPLIES

PARTS LIST		
QTY.	**PART #**	**DESCRIPTION**
12	CB1084	SCR, BN, SK, .25-20 X 0.75, SS
4	CN3054	NUT, HX, .25-20, SS, 18.8
1	CN3111	NUT, NL 8-32
1	CS4051	SCR, PN, PH 8-32 X 1.00
3	CT1014	TIE, NYLON, BLACK, 5.5”
4	CW2006	WSH, FL, .25, SS
4	CW2041	WSH, LK, .25, SS
2	CW2090	WSH, FL, #8
2	HB1115	SIDEPLATE, LUGGAGE RACK, CHROME
4	MB1300	BAR, CROSS, 9 1/4”, LUGGAGE RACK
1	PUB0011	INSTALLATION INSTRUCTIONS, LCK5093
1	S001399	PLATE, REINFORCEMENT, TOUR BOX
1	S001401	TOUR BOX, TRAMP (INCLUDES MOUNTING HARDWARE AND POSI-LOCK CONNECTORS FOR WIRE HARNESS)
1	S001403	NAME PLATE, OVAL, 1.56 X 3.13
1	S001422	BACKREST, TOUR BOX

TOOLS REQUIRED	
QTY.	**DESCRIPTION**
1	3/8” RATCHET
1	3/16” ALLEN HEAD SOCKET
1	4MM SOCKET
1	5MM ALLEN HEAD SOCKET
1	6MM ALLEN HEAD SOCKET
1	9MM SOCKET
1	13MM WRENCH
1	PHILLIPS SCREWDRIVER
1	TAPE MEASURE
1	PAINT MARKER OR EQUIVALENT
1	1/4” DRILL BIT AND DRILL
	ELECTRICAL TAPE
	LOCTITE 242

TRUNK HINGE STOP BOLT

NOTE: A trunk hinge stop bolt prevents trunk lid from opening completely and contacting tour box.

1. **See Fig. 1**. Open trunk lid and locate trunk hinges.
2. **See Fig. 2**. Look at right-side trunk hinge to determine if you have a hinge stop bolt. If not, complete step 3.
3. **See Fig. 3**. Install trunk hinge stop bolt through the access hole on right side trunk hinge as shown using (1) 8-32 x 1 screw (CS4051), (2) #8 flat washers (CW2090), and (1) 8-32 Nylock nut (CN3111).

Fig. 1

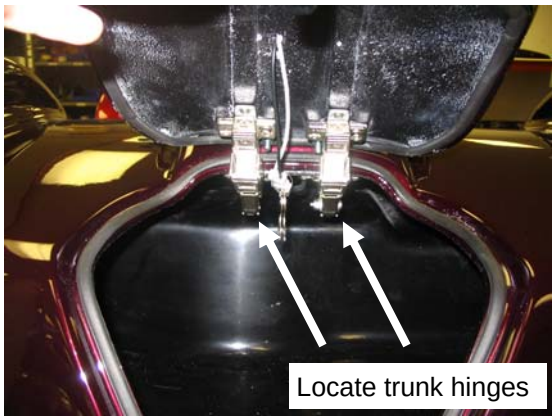


Fig. 2

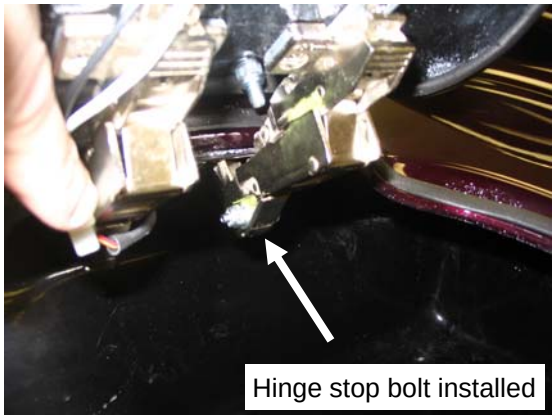
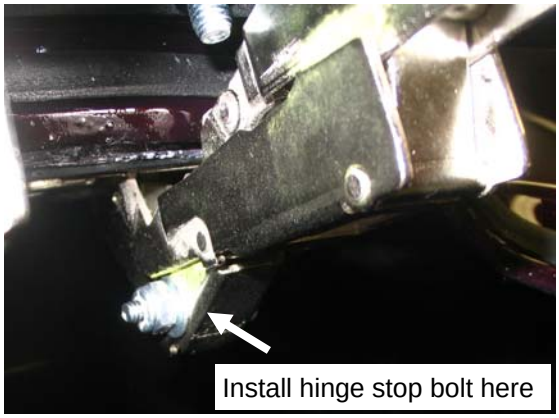


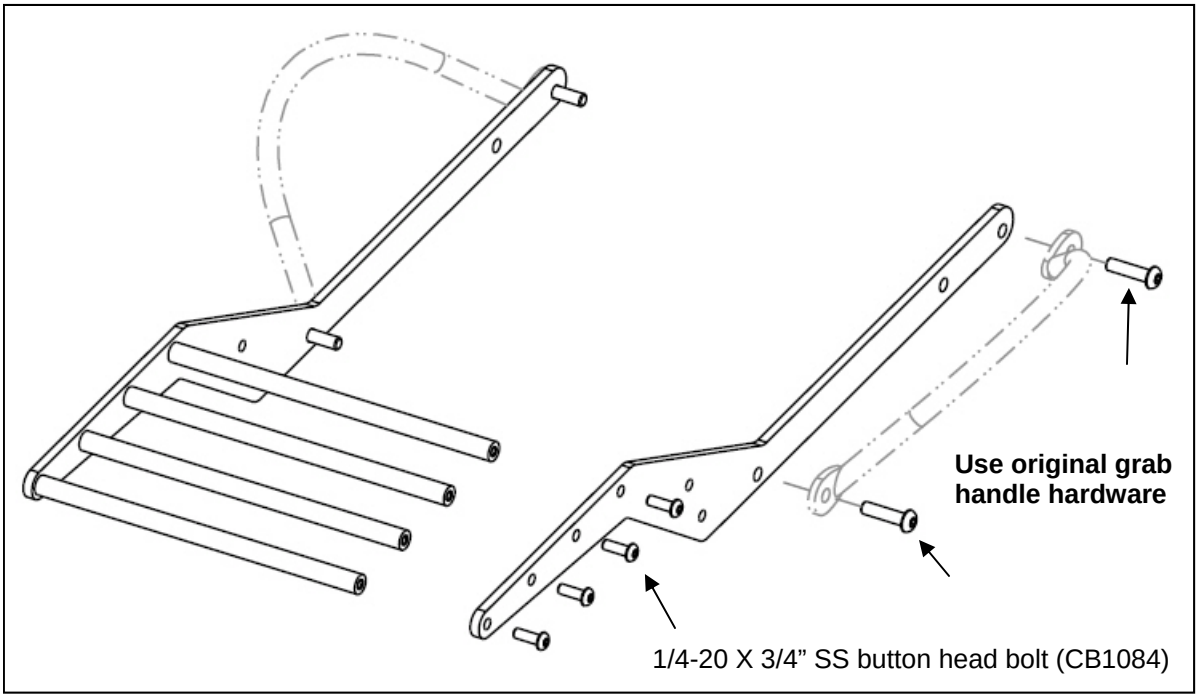
Fig. 3



LUGGAGE RACK INSTALLATION

1. Temporarily remove stock grab handles.
   CAUTION: When installing side plates, be extremely careful not to scratch body paint or frame rail paint. Use protective cloth or foam to safeguard trike body and get an assistant's help while installing side plates.
2. **See Fig. 1**. Attach side plates (HB1115) and grab handles to trike using grab handle hardware. Leave bolts loose.
3. **See Fig. 1**. Install cross bars (MB1300) to side plates using (8) 1/4-20 X 3/4" (CB1084) and apply Loctite 242 to threads of bolts and tighten securely.
4. Ensure that side plates are level and tighten grab handle/side plate hardware.

Fig. 1



TOUR BOX INSTALLATION

1. **See Fig. 1**. Remove passenger seat.
2. **See Fig. 2**. Remove operator seat.
3. **See Fig. 3**. Align reinforcement plate (S001399) on luggage rack so that front mounting holes (spaced closer together) are between 1st and 2nd cross bars and rear mounting holes (spaced further apart) are between 2nd and 3rd cross bars.

Fig. 1

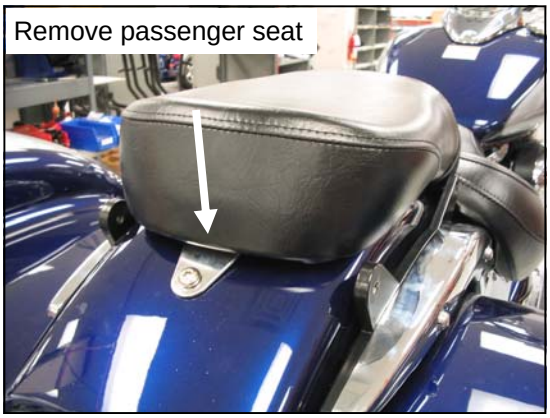
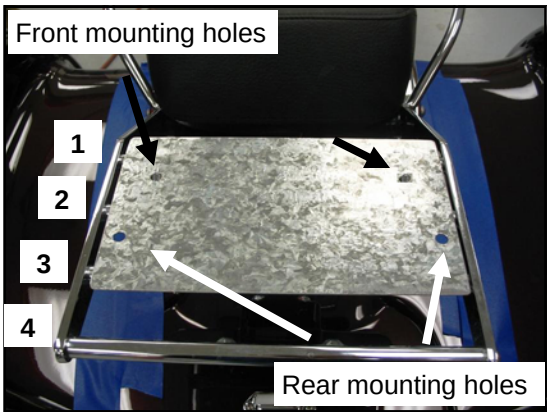


Fig. 2

Fig. 3



TOUR BOX INSTALLATION CONTINUED

4. **See Fig. 4**. Set tour box base on reinforcement plate and align holes in plate with holes in tour box base.
5. **See Fig. 5**. Insert hardware spacers included with tour box hardware in locations above mounting holes on reinforcement plate.
6. **See Fig. 6**. Install reinforcement brackets using hardware supplied in tour box to underside of luggage rack as shown. Leave bolts loose.

Fig. 4

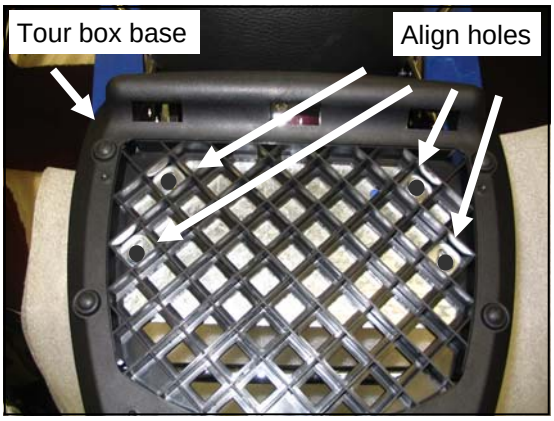


Fig. 5

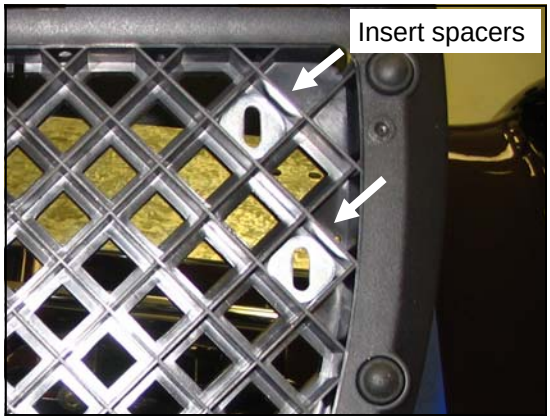
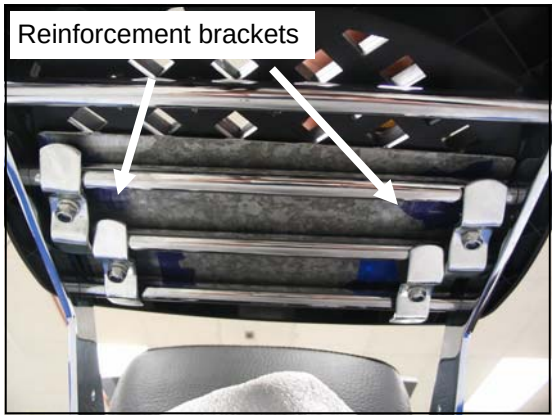


Fig. 6



TOUR BOX INSTALLATION CONTINUED

7. **See Fig. 8**. Center tour box base creating equal distances of 1 3/8” from edges of tour box base and luggage rack side plates.
8. When base is centered, tighten mounting hardware.
9. **See Fig. 9**. Install tour box base cover included with tour box by snapping into place. Remove rubber pin cover from tour box base.
10. Install tour box on base by latching front section first and pressing rear of tour box into place.
11. Route tour box wiring harness along inside of right hand luggage rack side plate and toward battery. Do not secure harness at this point.
    NOTE: Wiring instructions reference a 2009 model unit. For 2008 and older models, be sure to reference your OEM service manual for specific wiring diagrams and use tour box wiring diagram included with your tour box.
12. **See Fig. 10**. Locate trike body wiring harness on right side of battery (looking from rear) and carefully remove heat shrink to expose wiring.
13. **See Fig. 10-A**. With heat shrink removed, locate brake light wire (white wire with black stripe).

Fig. 8

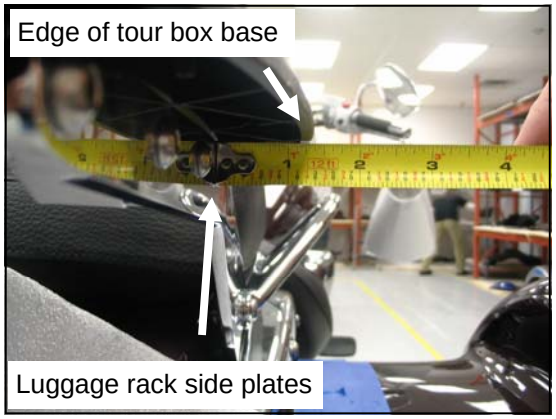
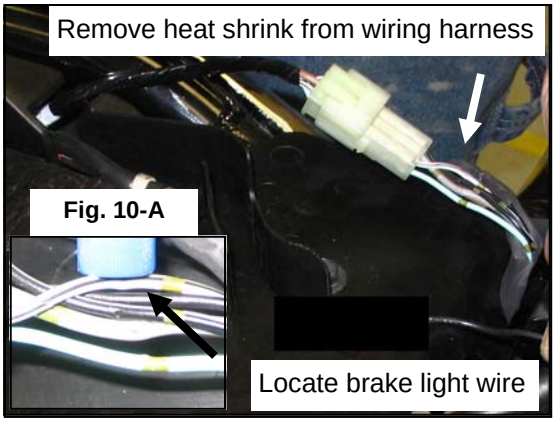


Fig. 9

Fig. 10



TOUR BOX INSTALLATION CONTINUED

NOTES:

1. **See Fig. 11. Included with tour box are (2-blue, 2-red) Posi-lock taps for connecting to power (be sure to read manufacturer's instructions included with tour box).**
2. **<u>Cover end of gray wire with heat shrink. GRAY WIRE ON TOUR BOX BASE PLATE IS NOT USED. One red Posi-lock tap will not be used.</u>**
3. **Use dielectric grease (included with connectors) with all Posi-lock terminals.**

14. **See Fig. 12**. Connect blue wire to trike brake light wire (red wire on trike body harness) using blue Posi-lock tap).
15. **See Fig. 12**. Connect green wire to trike running light wire (blue wire on trike body harness) using blue Posi-lock tap.
16. **See Fig. 13**. Connect yellow wire to tour box plate yellow wire with red Posi-lock tap.

Fig. 11

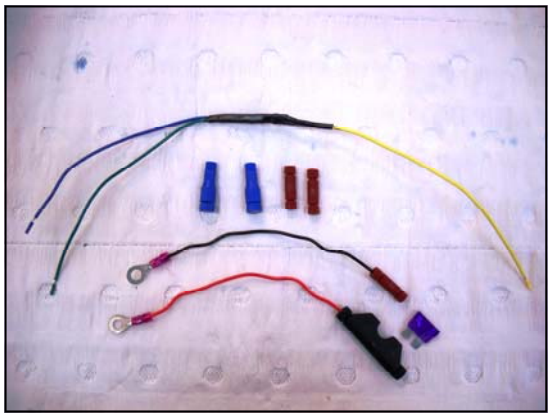


Fig. 12

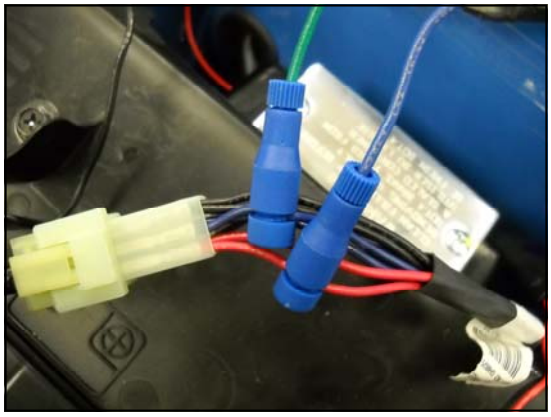
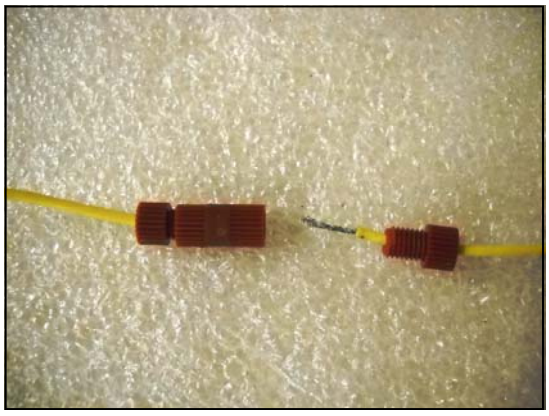


Fig. 13



TOUR BOX INSTALLATION CONTINUED

17. **See Fig. 14**. Install black extension wire to black wire from top tour box harness with red Posi-lock tap. Connect eyelet connector to negative terminal of battery.
18. **See Fig. 15**. Install red extension wire to red wire from tour box harness with in-line fuse cap. Connect eyelet connector to positive terminal of battery.
19. Insert 3-amp fuse in fuse receptacle.
20. Turn on power and test tour box lighting and remote.
21. Using electrical tape, cover exposed wires on body wiring harness where heat shrink was removed.

    NOTE: See Fig. 16. Before securing tour box wiring harness with cable ties, adjust tour box wiring harness sheath to ensure coverage of exposed wires coming from bottom of tour box base. Also, be sure harness isn't positioned to get pinched by operator seat when re-installed.

Fig. 14

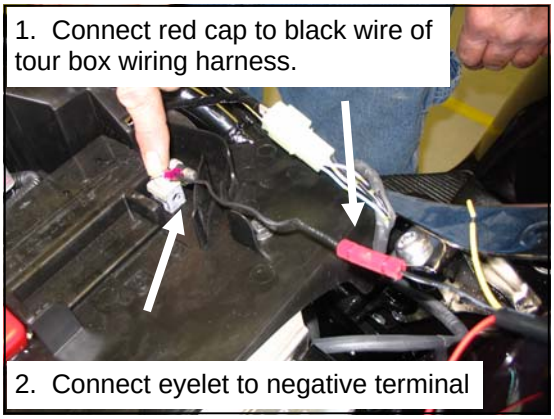


Fig. 15

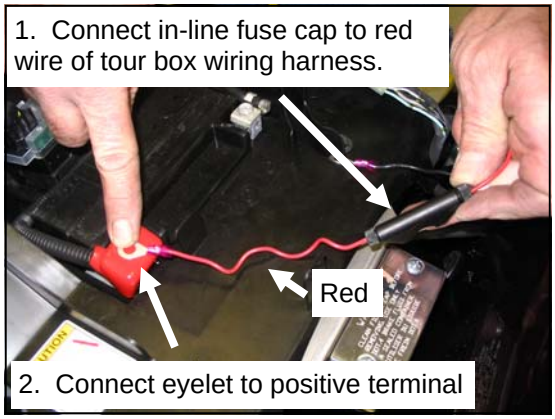
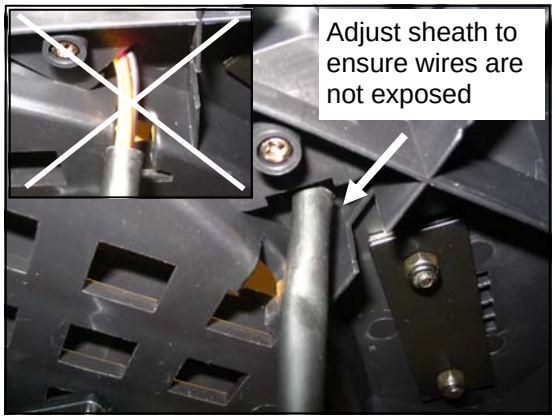


Fig. 16



TOUR BOX INSTALLATION CONTINUED

22. **See Fig. 17**. Secure tour box wiring harness by installing cable ties (CT1014) as shown.
23. **See Fig. 18**. Place tour box back rest template included with tour box as shown on front of tour box.
24. **See Fig. 17**. Using a paint marker or equivalent, mark hole locations on tour box as shown.
25. Drill (2) 1/4" holes through tour box.
26. **See Fig. 19**. Install tour box back rest (S001422) with hardware included in tour box.
27. Install oval Lehman badge on top of tour box lid.
28. Install tour box liners with Velcro patches (included with tour box).
29. Reinstall operator seat. Be sure tour box wiring harness is not pinched during re-installation.
30. Reinstall passenger seat.

Fig. 17

Fig. 18

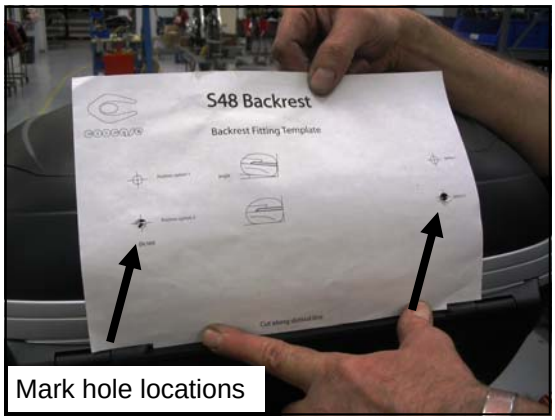


Fig. 19